



City of Norman, OK

Municipal Building
Council Chambers
201 West Gray
Norman, OK 73069

Master

File Number: R-1415-56

File ID: R-1415-56

Type: Resolution

Status: Consent Item

Version: 1

Reference: Item No. 27

In Control: City Council

Department: Public Works
Department

Cost:

File Created: 11/12/2014

File Name: Resolution programming funds for traffic signal
upgrades on Main from 24th to University Blvd

Final Action:

Title: RESOLUTION NO. R-1415-56: A RESOLUTION OF THE COUNCIL OF THE CITY OF NORMAN, OKLAHOMA, PROGRAMMING FEDERAL SURFACE TRANSPORTATION PROGRAM URBANIZED AREA (STP-UZA-SAFETY) FUNDS FOR TRAFFIC SIGNAL INTERCONNECTION UPGRADES ON MAIN STREET FROM 24TH AVENUE WEST TO UNIVERSITY BOULEVARD IN NORMAN.

Notes: ACTION NEEDED: Motion to adopt or reject Resolution No. R-1415-56.

ACTION TAKEN: _____

Agenda Date: 11/25/2014

Agenda Number: 27

Attachments: Location Map Main 24th to University.pdf, Proposed
ACOG TIP, R-1415-56

Project Manager: Angelo Lombardo, Transportation Engineer

Entered by: michelle.rudder@NormanOK.gov

Effective Date:

History of Legislative File

Ver- sion:	Acting Body:	Date:	Action:	Sent To:	Due Date:	Return Date:	Result:
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Text of Legislative File R-1415-56

Body

BACKGROUND: The 2012 - Moving Ahead for Progress in the 21st Century (MAP-21) federal transportation funding bill allocates approximately \$21 Million in Federal funds per year for the implementation of eligible transportation improvements in the Oklahoma City metropolitan area. Ten percent of this appropriation is used to fund safety projects at 100% of their construction cost.

Every year, the Association of Central Oklahoma Governments (ACOG) coordinates a regional evaluation process that identifies transportation improvements eligible for federal funding. Individual projects are rated and compared to one another using a pre-established criterion. The process ends with the formulation of the region's transportation improvement program and the decision to use federal funds to pay for a significant portion of the cost of the higher priority projects.

DISCUSSION: On December 15, 2014, staff will submit 23 projects for consideration in the formulation of ACOG's Three-Year Transportation Improvement Program Plan Update. One of the requirements for project

consideration is that interested cities submit programming resolutions for each individual project. In years past, Council has adopted resolutions for 20 of the 23 projects. The three projects that need programming resolutions in order to be considered in the plan update are:

Main Street Traffic Signal Interconnect, between 24th Avenue West and 36th Avenue West (100% Safety) (Resolution R-1415-55)

Main Street Traffic Signal Interconnect, between 24th Avenue West and University Boulevard (100% Safety) (Resolution R-1415-56)

Robinson Street widening and reconstruction, between Brookhaven Creek and Interstate 35 (Resolution No. R-1415-57)

Additionally, in an effort to maximize the amount of federal funds that can be used for the construction of the Lindsey Street Bond project, between 24th Avenue SW and west of Pickard Avenue, staff will be submitting the project as two phases. Phase 1 includes the segment between 24th Avenue SW and Berry Road and will continue to be funded from the adopted federal fiscal year 2015 plan, and Phase 2, which includes the segment between Berry Road and west of Pickard Avenue, will be funded as part of federal fiscal year 2016. For practical purposes, both projects will be under construction at the same time. This strategy gives the City an opportunity to lever an additional \$3 million in federal funds for the construction of the overall project. To move forward, it is necessary for City Council to adopt programming resolutions for the following projects:

Phase 1 - Lindsey Street widening and reconstruction, from 24th Avenue SW to Berry Road (Resolution No. R-1415-52)

Phase 2 - Lindsey Street widening and reconstruction, from Berry Road to west of Pickard Avenue (Resolution No. R-1415-53)

Finally, in order to advance the design of projects scheduled beyond federal fiscal year 2018, City Council also needs to adopt the following project programming resolution:

Porter Avenue and Acres Street traffic signal and intersection widening (Resolution R-1415-54).

The complete list of projects that will be submitted to ACOG is as follows:

Federal Fiscal Year 2016 (Total Federal Funds Requested - \$9,779,087)

Lindsey Street, from Berry Road to west of Pickard Avenue (Bond Project) - This project reconstructs and widens Lindsey Street at the Berry Road intersection, reconstructs Lindsey Street, between Berry Road and west of Pickard Avenue, replaces the bridge at Imhoff Creek, and adds sidewalks, bike lanes and streetscape amenities. The estimated construction cost of \$3,750,000 will be funded with federal funds (80%) and City funds (20%). Estimated Federal Funds - \$3,000,000

Franklin Road Bridge over Little River (Bond Project) - The project replaces the existing bridge structure over Little River and reconstructs approximately 1,000 feet of roadway on either side of the bridge. Estimated Federal Funds - \$2,617,776

Pavement Overlays on Lindsey Street (between west of Pickard Avenue and Jenkins Avenue), Constitution Street (between Jenkins Avenue and Classen Boulevard), Imhoff Road (between Classen Boulevard and 24th Avenue SE) and Alameda Street (between 48th Avenue East and 60th Avenue East). The project provides new pavement overlays and striping on four separate roadway segments eligible for federal funding. Estimated Federal Funds - \$2,005,575

New sidewalks along Classen Boulevard, between Shawnee Street and Enid Street (south side) and west of 12th Avenue SE (south side) - The project addresses two sidewalk gaps along Classen Boulevard. The first location is along the south side of the road between Shawnee Street and Enid Street. The second location is a 350-foot long segment of sidewalks along the south side of Classen Boulevard immediately west of 12th Avenue SE. Estimated Federal Funds - \$160,000

Main Street Traffic Signal Interconnect and Roadway Lighting Upgrades, between University Boulevard and James Garner Avenue (100% Safety) - The project provides a new fiber optic traffic signal interconnect system for the existing traffic signals along Main Street, between University Boulevard and James Garner Avenue, and replaces the antiquated lighting system with new ornamental poles and state-of-the-art LED lighting. This work will supplement and be tied to the streetscape improvements on Main Street west of the railroad tracks that will be funded through a Transportation Alternative Program grant awarded by ODOT. Estimated Federal Funds - \$470,000

Traffic Signal Interconnect and Upgrades along Boyd Street, between Berry Road and Classen Boulevard (100% Safety) - The project provides a new fiber optic traffic signal interconnect system for the existing traffic signals along Boyd Street, between Berry Road and Classen Boulevard, and replaces the traffic signal at the University Boulevard intersection. Estimated Federal Funds - \$593,736

New Traffic Signal at the intersection of Rock Creek Road and Sequoyah Trail (100% Safety) - The project provides a new traffic signal at the intersection of Rock Creek Road and Sequoyah Trail and the interconnection of traffic signals on Rock Creek Road, between Porter Avenue and 12th Avenue NE. Estimated Federal Funds - \$260,000

New Traffic Signal at the intersection of Robinson Street and 48th Avenue NW (100% Safety) - The project provides a new traffic signal at the intersection of Robinson Street and 48th Avenue NW and interconnection of the new signal to the Robinson Street system that begins at Brookhaven Boulevard. Estimated Federal Funds - \$260,000

Main Street fiber optic traffic signal interconnection upgrade (from 36th Avenue West to 24th Avenue West) (100% Safety) - The project replaces the existing interconnect copper wire with new fiber optic cable and adds the intersections of 36th Avenue West, Ed Noble Parkway, I-35 SPUI and Interstate Drive / 26th Drive to the City's Centracs Traffic Signal Management System. Estimated Federal Funds - \$150,000

Pavement markings along various federal functionally classified roadways throughout the City (Phase 4) (100% Safety) - The project provides center line, lane lines, stop bars, crosswalks, arrows and other markings on various roadways throughout the City. Estimated Federal Funds - \$212,000

Federal Fiscal Year 2017 - (Total Federal Funds Requested - \$11,678,348)

12th Avenue SE, from Cedar Lane Road to State Highway 9 (Bond Project) - The project widens 12th Avenue SE, between Cedar Lane Road and State Highway 9, from the current two-lane roadway to a four-lane roadway with curb and gutter, storm drainage collection system, sidewalks, bike lanes, and capacity improvements at the 12th Avenue SE and State Highway 9 intersection. Estimated Federal Funds - \$2,598,590

Main Street Bridge over Brookhaven Creek (Bond Project) - The project replaces the existing bridge structure over Brookhaven Creek, reconstructs approximately 1,000 feet of roadway on either side of the bridge and stabilizes 2,000 feet of downstream channel. Estimated Federal Funds - \$3,661,030

Roadway widening and new traffic signal at the intersection of 36th Avenue NW and Havenbrook Drive - The project widens 36th Avenue NW to provide exclusive left turn lanes at the Havenbrook Drive intersection and a new traffic signal. Estimated federal share - \$827,928

Robinson Street widening and reconstruction, between Brookhaven Creek and Interstate 35 - This project widens Robinson Street, west of Interstate 35 and relocates the intersection of North Interstate Drive approximately 200 feet east of its current location. Estimated Federal Funds - \$3,221,400

Robinson Street fiber optic traffic signal interconnection upgrade (from Peters Avenue to 12th Avenue SE) (100% Safety) - The project replaces the existing interconnect copper wire with new fiber optic cable and adds the intersections of Robinson Street at Porter Avenue, Findlay Avenue and 12th Avenue NE to the City's Centracs Traffic Signal Management System. Estimated Federal Funds - \$353,600

Traffic Signal Video Detection Upgrade (Phase 2) (100% Safety) - The project provides vehicle video

detection systems at various signalized intersections throughout the City. Estimated Federal Funds - \$454,000

New Traffic Signal at the intersection of Alameda Street and Summit Lakes Boulevard (100% Safety) - The project provides a new traffic signal at the intersection of Alameda Street and Summit Lakes Boulevard and interconnects its operation to other signals along Alameda Street. Estimated Federal Funds - \$265,000

Traffic Signal Upgrade (MUTCD Compliance) (100% Safety) - The project provides upgrades several intersections throughout the City for compliance with the adopted Manual on Uniform Traffic Control Devices. Estimated Federal Funds - \$296,800

Federal Fiscal Year 2018 - (Total Federal Funds Requested - \$10,727,453)

24th Avenue East, from Lindsey Street to Robinson Street (Bond Project) -The project widens 24th Avenue East, Lindsey Street and Robinson Street, from the current two-lane roadway to a four-lane roadway with curb and gutter, storm drainage collection system, sidewalks, bike lanes, and a new traffic signal at the Meadowood Boulevard intersection. Estimated Federal Funds - \$7,111,333

Rock Creek Road, from Grandview Avenue to west of 36th Avenue NW - The project widens Rock Creek Road, between Grandview Avenue and west of 36th Avenue NW, adds a storm drainage collection system, sidewalks and bicycle lanes. Estimated Federal Funds - \$1,500,000.

Roadway widening and new traffic signal at the intersections of Rock Creek Road with 12th Avenue NW and Trailwoods Drive - The project widens the intersections of Rock Creek Road with 12th Avenue NW and Trailwoods Drive to provide exclusive left turn lanes and provides new traffic signals and interconnection. Estimated federal share - \$1,416,120

Main Street fiber optic traffic signal interconnection upgrade (from 24th Avenue West to University Boulevard) (100% Safety) - The project replaces the existing interconnect copper wire with new fiber optic cable and adds the intersections of Main Street at Hal Muldrow Drive, Mercedes Drive, Berry Road, Flood Avenue and Downtown Shopping Center to the City's Centracs Traffic Signal Management System. Estimated Federal Funds - \$300,000

Traffic Signal Upgrade (Pedestrian Push Buttons) (100% Safety) - The project provides ADA compliant pedestrian push buttons for the visually impaired at various locations throughout the City. Estimated Federal Funds - \$300,000

Four of the projects on the Federal Fiscal Years 2016-2018 list have not been programmed by the Oklahoma Department of Transportation. In order for this to happen and for these projects to be considered for funding, City Council needs to adopt the corresponding programming resolutions. In the resolutions, the City agrees to the terms and conditions of a federally funded project by stating its willingness to assume the responsibility for the preparation of engineering plans, the purchase of any additional right-of-way, the relocation of public utilities and funding of the 20% local share of the construction cost.

RECOMMENDATION: Staff recommends approval of Resolution Nos. R-1415-52 thru 57 for various federally funded projects.